

JCSG Rec'd PCT/PTO 30 SEP 2009

FORM PTO-1390
(REV 10-94)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

09548.1007USWO

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)

Unknown 10/551746

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

PRIORITY DATE CLAIMED

PCT/CN2004/000151

February 27, 2004

April 9, 2003

TITLE OF INVENTION

AN OUTER MAGNETIC CIRCUIT BIAS MAGNETIC BIAS RELUCTANCE MACHINE WITH PERMANENT MAGNETS

APPLICANT(S) FOR DO/EO/US


ZHU

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND**-or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (9 pages) (35 U.S.C. 371(c)(2))
 - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☒ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An unsigned oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form 1449, references.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment (4 pages).
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information: Application Data Sheet (3 pages), 2 sheets of formal drawings, International Publication Page WO 2004/091076 A1

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
Unknown		PCT/CN2004/000151		09548.1007USWO	
BASIC NATIONAL FEE (37 CFR 1.492(a) (I)-(5)):					
[X] a) Basic National fee.....				\$300	\$300
[X] b) Examination fee.....				\$200	\$200
[X] c) Search fee.....				\$500	\$500
TOTAL OF ABOVE CALCULATIONS =				\$1000	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional set of 50 sheets, more than 100 sheets		Rate	
10	-100 = 0	/50 = 0		X \$250	\$0
Surcharge of \$130 for furnishing the oath or declaration later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$0	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	6	0	X \$50	\$0	
Independent claims	2	-3 = 0	X \$200	\$0	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$0	
TOTAL OF ABOVE CALCULATIONS =				\$1000	
Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27				\$500	
SUBTOTAL =				\$500	
Processing fee of \$130 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+ \$0	
TOTAL NATIONAL FEE =				\$500	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+ \$0	
TOTAL FEES ENCLOSED =				\$500	
				Amount to be: refunded	\$0
				charged	\$0
<p>a. [X] Check(s) in the amount of \$500 to cover the above fees is enclosed.</p> <p>b. [] Please charge the amount of \$ to cover the required filing fee for a large entity to the credit card listed on the enclosed credit card authorization form.</p> <p>c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-3478.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO: Michael D. Schumann Hamre, Schumann, Mueller & Larson, P.C. P.O. Box 2902-0902 Minneapolis, MN 55402</p> <p>SIGNATURE: </p> <p>NAME: Michael D. Schumann</p> <p>REGISTRATION NUMBER: 30,422</p>					

1000 Rec'd PCT/PTO 30 SEP 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

10/ 551 746

Applicant: ZHU
 Attorney Docket: 09548.1007USWO
 Title: AN OUTER MAGNETIC CIRCUIT BIAS MAGNETIC BIAS
 RELUCTANCE MACHINE WITH PERMANENT MAGNETS

CERTIFICATE UNDER 37 CFR 1.10

Express Mail mailing label number: EV 648467898 US

Date of Deposit: September 30, 2005

I hereby certify that the papers listed below are being deposited with the United States Postal Service Express Mail Post Office to Addressee service under 37 CFR 1.10 in an envelope addressed to: Mail Stop Application, Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450.

By: 
 Name: Yuhgo Maruta

Mail Stop PCT
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

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PATENT TRADEMARK OFFICE

Commissioner:

The following papers are transmitted herewith:

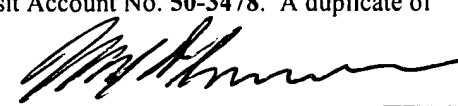
- ☒ Transmittal sheet, in duplicate, containing Certificate Under 37 CFR 1.10;
- ☒ National Stage Patent Application including: Description - 6 pages; 5 Claims - 1 page; Abstract - 1 page; Drawings - 2 sheets (formal);
- ☒ Unsigned Combined Declaration and Power of Attorney;
- ☒ Application Data Sheet - 3 pages;
- ☒ Small entity Status is hereby claimed;
- ☒ Check(s) for the amount of \$500 to cover the filing fee calculated below;
- ☒ Other: Preliminary Amendment (4 pages), PTO Form 1390, International Publication Page WO 2004/091076 A1, A copy of the International Application as filed (9 pages), Amended claims under Article 19
- ☒ Return postcard

CLAIMS AS FILED

Number of Claims Filed	No.	In Excess of	Extra	Rate (\$)	Fee (\$)
Total Claims	6	20	0	25	0
Independent Claims	2	3	0	100	0
Multiple Dependent Claims Fee					0
Basic Filing Fee					150
Search Fee					250
Examination Fee					100
Utility Application Size Fee	10	100	0	125.00	0
Total					500

Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. A duplicate of this sheet is enclosed.

Hamre, Schumann, Mueller & Larson, P.C.
 P.O. Box 2902-0902 Minneapolis, MN 55402
 612.455-3800

By: 
 Name: Michael D. Schumann
 Reg. No.: 30,422
 Initials: MDS/acp

(PTO TRANSMITTAL - NEW FILING)